

1/4 PLUSPAT(C) QUESTEL-ORBIT- image

CPIM (C) JPO

PN - JP1260755 A 19891018 [JP01260755]

TI - (A) FLAT TYPE BATTERY

PA - (A) TOSHIBA BATTERY

PAO - (A) TOSHIBA BATTERY CO LTD

IN - (A) ASAMI YOSHIKI; KOJIYU YASUTAKA; KAMAGATA TOMOAKI; MIYAMOTO
KUNIIHIKO; TERAOKA HIROKIMI; SUZUKI SHINTARO

AP - JP8873888 19880411 [1988JP-0088738]

PR - JP8873888 19880411 [1988JP-0088738]

IC - (A) H01M-002/02

EC - H01M-002/02B4C

- H01M-002/02B6C

DT - Basic

STG - (A) Doc. Laid open to publ. Inspec.

AB - PURPOSE: To prevent electrical continuity with a metal base and short circuit and to also prevent electrolyte leakage caused by the bending of a device by covering the whole surfaces, except for the contact parts with outer terminals, of positive and negative terminals with an insulating film comprising a 5-15.mu.m thick adhesive polyester film.

- CONSTITUTION: The whole surfaces, except for the contact parts with outer terminals, of positive and negative terminals 37, 36 are covered with an insulating film 38 comprising a 5.mu.m thick adhesive polyester film (the thickness of a polyester film is 2.5.mu.m and that of an adhesive is 2.5.mu.m). The insulating film 38 is formed in such a way that the adhesive polyester film is cut in 30mmX50mm, and it is bonded to the whole surfaces of the positive and negative terminals 37, 36, then the contact parts with the outer terminals are cut out with a cutter. The electrical continuity with a metal base which is used to increase mechanical strength and short circuit are prevented, and electrolyte leakage caused by the bending of a device is also prevented.

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